	:10)	W	atersh	ned ke	ey pro	cesse	es are	eas	Present Level of Altera Cond	tion & Current Shore	eline		Curre	nt land	use by pe	ercent ²		Level of foreseeable Future development like shoreline condition ³	ely to	affect				Cumulativ	e Impact		
Group Name	Watershed (HUC10)	Sediment Delivery &Supply	Sediment alterations	Water Movement and	storage Water Alterations	Riparian Inputs		Riparian alterations	Parameters with High impact	Parameters with moderate to high impact	AU Quadrant¹	Agriculture	Residential	Total de la composition della	I RANSPORTATI ON/OTHER	STATE/FEDERAL	Undeveloped	Summary of future impacts	Futu use grou		Potential future impacts to shoreline processess ⁵	Total Acres	Buffer Acres	100 year Floodplain acres	Wetland acres	Number of Potential Lots at Full Buildout	Potential Future Devlopement
Aeneas Lake	Upper Okanogan River	16%	0.5%	6 99	% 1	4%	17%		residential, water quality 303(d) list, overwater structures, geohaz		1	15	59			8		Minimal changes due to existing buildout in place; possible due to potential for new residences and recreation uses and limited number of new infrastructure due to development	ow Int Rec	d Int Res	Expect conditions to remain the same or improve due to new higher standards for development	20.12	4.69	0.00		7.72	15.43
	Okanogan River/Omak	16%	0.9%	6 56	% 1	4%	17%	1.9%	water quality 303(d) list, road, geohaz		1	11		47		26		Minimal changes possible due to potential for new recreation and agriculture uses limited number of new infrastructure due to development	Low Int Rec	lut /	New or expanded development may impact conditions	8.51	5.17	0.00		1.67	3.34
	Okanogan River/Omak	16%	0.9%	6 56	% 1	4%	17%	1.9%	residential, geohaz, wetland		2	4	35					Minimal to moderate changes possible due to the potential for new residences, recreation, and a limited number of new infrastructure due to development	Low Int Rec	l I	New or expanded development may impact conditions	43.71	10.59	0.00		16.56	33.12
Alta Lake	Lower Methow	6%	0.7%	6 43	%	3%	5%	0.5%	residential, water quality 303(d) list, road, overwater structures, geohaz, wetland, dispersed agriculture		1	23	43			17		Minimal changes due to high level of existing development; limited potential for new residences, recreation, and a limited number of new infrastructure due to development	Low Int Rec	Hi Int Resident	Expect conditions to remain the same or improve due to new higher standards for development	9.72	0.80	0.00		8.92	8.92
Antoine Creek	Upper Okanogan River	16%	0.5%	6 99	% 1	4%	17%		wetland, potential migration zone, intensive agriculture, dispersed agriculture	bridge, culvert, geohaz	3	82	6		3	9		Minimal to moderate changes possible due to the potential for new residences, recreation, or agriculture use, and a limited number of new infrastructure due to development	Low Int Ag		New or expanded development may impact conditions	194.26	46.97	0.00		73.65	147.29
Beaver Creek	Beaver Creek	3%	0.9%	6 34	%	4%	5%			road, bridge, intensive agriculture	4	45	28			19		Minimal to moderate changes possible due to potential for new residences and agriculture uses limited number of new infrastructure due to development	Low Int Ag	Ĕ	New or expanded development may impact conditions	151.25	56.04	0.00	17.75	15.49	77.46
Big Twin Lake	Middle Methow	8%	1.9%	64	%	9%	9%		water quality 303(d) list, geohaz, wetland		1		63			18		Minimal changes expected due to high level of existing development. Potential for new residences to be built in buffers (via permit), and limited new infrastructure expected because of existing buildout in place	Low Int Rec	d Int Res	Expect conditions to remain the same or improve due to new higher standards for development	20.20	9.40	0.00	2.46	0.00	8.34
Blue Lake	Upper Okanogan River	16%	0.5%	6 99	% 1	4%	17%		geohaz, dispersed agriculture		4	31	12			10		Minimal to moderate changes possible due to potential for new residences and agriculture uses limited number of new and a limited number of new infrastructure due to development	ow Int Ag	i i	New or expanded development may impact conditions	40.73	18.48	0.00	5.25	3.40	17.00
Blue Lake (Sin)	Sinlahekin River	11%	0.8%	6 93	%	8%	11%	2.0%		wetland	2					100		No major changes expected due to existing buildout in place	ow Int Rec	t Rec	Expect conditions to remain the same or improve due to new higher standards for development	0.00	0.00			0.00	0.00
	Bonaparte Creek	11%	0.8%	6 76	% 1	10%	12%		road, riparian vegetation, dispersed agriculture	residential, wetland, potential migration zone	2	49	30	4		2		Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit) and agriculture uses	Low Int Ag	l l	New or expanded development may impact conditions	935.53	230.09	0.00	370.80		

	210)	W	atersh	ed key	proce	esses	areas	P	Present Level of Alterat Cond	ion & Current Shore	eline		Currer	ıt land ι	use by p	ercent ²		Level of foreseeable Future development like shoreline condition ³	ly to a	ffect				Cumulativ	e Impact		
Group Name	Watershed (HUC10)	Sediment Delivery &Supply	Sediment alterations	Water Movement and storage	Water Alterations	Riparian Inputs	Riparian alterations	im	npact	Parameters with moderate to high impact	AU Quadrant¹	Agriculture	Residential Resource production	TATGOGGNAGT	TRANSPORTATI ON/OTHER	STATE/FEDERAL	Undeveloped	Summary of future impacts	Futui use p		Potential future impacts to shoreline processess ⁵	Total Acres	Buffer Acres	100 year Floodplain acres	Wetland acres	Number of Potential Lots at Full Buildout	Potential Future Devlopement
Bonaparte Lake	Bonaparte Creek	11%	0.8%	76%	10%	ú 12	% 0.9	mi	ater quality 303(d) list, ine		4	12	1			87		No or only minimal changes expected due to forestry uses. Limited amount of new infrastructure for residential development may occur.	ow Int For		Agriculture or other land management activities may impact conditions. Very limited infrequent and localized impact to conditions	39.56	11.49	0.00	61.71	0.00	0.00
Booher Lake	Okanogan River/Omak	16%	0.9%	56%	14%	ъ́ 17	% 1.9	dis	ater quality 303(d) list, spersed agriculture		2	88				13		Minimal to moderate changes possible due to potential for new agriculture. Limited number of new infrastructure for agriculture activities may occur	ow Int Ag		Agriculture or other land management activities may impact conditions	27.20	4.69	0.00	15.30	3.61	7.21
Boulder Creek	Lower Chewuch River	6%	0.6%	17%	4%	6 8	% 0.6	6%					5			95		Minimal change possible due to public land ownership.	ow Int Rec		Expect conditions to remain the same or improve due to new higher standards for development	0.00	0.00			0.00	0.00
Brown Lake	Salmon Creek	9%	1.4%	52%	7%	ъ́ 10	% 1.2	roa	ater quality 303(d) list, oad, geohaz, dispersed griculture		1	100				00		Minimal to moderate changes possible due to potential for new agriculture. Limited number of new infrastructure for agriculture activities may occur	ow Int Res/Ag	ow Int Ag	Agriculture or other land management activities may impact conditions	53.04	11.63	0.00	15.16		
Buttermilk Creek	Twisp River	9%	0.6%	17%	3%	5	% 0.4	1%					50			25		Minimal change possible due to public land ownership.	ow Int Rec		Expect conditions to remain the same or improve due to new higher standards for development	0.00	0.00			0.00	0.00
Carlton - Twisp	Middle Methow	8%	1.9%	64%	9%	6 9	% 1.1	we	sidential, road, bridge, etland, riparian vegetation, otential migration zone		4	17				13		Minimal to moderate changes possible due to the potential for new residences, recreation, and a limited number of new infrastructure due to development	Med Int Res	Int Rec	New or expanded development may impact conditions	511.49	107.70	666.54	152.20	0.00	
Carlton Lamird		6%	0.7%	43%	3%	5	% 0.5	ре	ermitted facilities	water quality 303(d) list, geohaz, wetland	4	21	49		13	4		Minimal to moderate changes possible due to the potential for new residences, recreation, and a limited number of new infrastructure due to development	Med Int Res	Int Rec	New or expanded development may impact conditions	24.39	6.74	29.95	0.00		
Chewuck River	Lower Chewuch River	6%	0.6%	17%	4%	6 8	% 0.6	6%		residential, geohaz	4	6	44	1	1	17		Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit) and new infrastructure due to development	Med Int Res	ıntı	New or expanded development may impact conditions	220.46	50.56	343.57	209.44	0.00	0.00
Chewuck River Upper																100		Minimal change possible due to public land ownership.	Low Int Rec		remain the same or improve due to new higher standards for development	0.00	0.00	0.00		0.00	0.00
Chopaka Lake	Sinlahekin River		0.8%	93%	8%	ъ́ 11	% 2.0	OV	ater quality 303(d) list, verwater structures, spersed agriculture		4	46				54		No or only minimal changes expected due to forestry/ agriculture uses.	Low Int Rec	For	New or expanded development may impact conditions, depends on recreation use	33.80	8.41	0.00	23.30	0.00	2.09

	:10)	W	atersl	hed k	ey pro	ocess	es ar	eas	Present Level of Altera	ation & Current Shore ditions	eline		Curre	nt land ເ	use by pe	ercent ²		Level of foreseeable Future development like shoreline condition ³	ly to a	ffect				Cumulativ	e Impact		
Group Name	Watershed (HUC10)	Sediment Delivery &Supply	Sediment alterations	Water Movement and	storage Water Alterations	-	Kiparian inputs	Riparian alterations	Parameters with High impact	Parameters with moderate to high impact	AU Quadrant¹	Agriculture	Residential	resource production	ON/OTHER	STATE/FEDERAL	Undeveloped	Summary of future impacts	Futui use p		Potential future impacts to shoreline processess ⁵	Total Acres	Buffer Acres	100 year Floodplain acres	Wetland acres	Number of Potential Lots at Full Buildout	Potential Future Devlopement
Conconully Lake	Salmon Creek	9%	1.49	6 52	%	7%	10%	1.2%	water quality 303(d) list, Ecology's permitted facilities, potential migration zone	road, geohaz, wetland	1	25	2		1	72		Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit) and recreation uses, and limited new infrastructure expected because of existing buildout in place	ow Int Rec	Hi Int Com	Expect conditions to remain the same or improve due to new higher standards for development	14.16	2.30	0.00	8.30	3.56	3.56
Crawfish Lake	Sanpoil	7%	0.1%	6 27	%	6%	8%	0.5%			2		79			7		Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit) and new infrastructure due to recreation development	Low Int Rec	Low Int For	New or expanded development may impact conditions	1.57	0.37	0.00	0.00	0.00	1.20
Davis Lake	Middle Methow	8%	1.9%	64	%	9%	9%	1.1%	residential, Ecology's permitted facilities, overwater structures, geohaz		2		35	8		28		Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit) and new infrastructure due to development	ow Int Res/Ag	ow Int Rec	New or expanded development may impact conditions	11.91	3.54	0.00	4.07	2.15	4.30
	Okanogan River/Omak	16%	0.9%	6 56	%	14%	17%	1.9%	water quality 303(d) list, geohaz, dispersed agriculture		1	29	57					Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit) and new infrastructure due to development	Med Int Res	Low Int Rec	New or expanded development may impact conditions	34.18	10.64	0.00	3.03	13.00	20.51
East Osoyoos	Upper Okanogan River		0.5%	6 99	%	14%	17%	2.6%	residential, water quality 303(d) list, road, overwater structures, Ecology's permitted facilities, riparian vegetation	wetland	1-2	13	63		2			Minimal changes expected due to high level of existing development. Potential for new residences to be built in buffers (via permit), and limited new infrastructure expected because of existing buildout in place.	Low Int Rec	Hi Int Resident	Expect conditions to remain the same or improve due to new higher standards for development	77.15	13.59	0.00	14.98	48.58	48.58
Early Winters													5	3	11	69	13	Minimal change possible due to public land ownership.	Low Int Rec		Expect conditions to remain the same or improve due to new higher standards for development	8.00	0.04	0.00	0.00	1.59	7.96
Evans Lake	Okanogan River/Omak	16%	0.9%	6 56	%	14%	17%	1.9%	water quality 303(d) list, geohaz, wetland, dispersed agriculture		2	75	25					Minimal changes possible due to potential for new agriculture. Limited number of new infrastructure for agriculture activities may occur	Low Int Ag		Agriculture or other land management activities may impact conditions	27.84	6.50	0.00	0.93	7.00	20.41
Fancher Dam Res	Upper Okanogan River	16%	0.5%	6 99	%	14%	17%	2.6%	water quality 303(d) list, Ecology's permitted facilities, geohaz, dispersed agriculture		1	82	18					Minimal changes possible due to potential for new agriculture. Limited number of new infrastructure for agriculture activities may occur	Low Int Ag		Agriculture or other land management activities may impact conditions	39.53	7.72	0.00	7.20	4.92	24.61
Fields Lake	Myers	6%	0.2%	6 71	%	5%	8%	0.8%	water quality 303(d) list, road, geohaz, intensive agriculture		3	100						Minimal changes possible due to potential for new agriculture. Limited number of new infrastructure for agriculture activities may occur	ow Int Ag		Agriculture or other land management activities may impact conditions	44.70	11.76	0.00	3.60	1.47	29.34
Fish Lake	Okanogan River/Omak	16%	0.9%	6 56	%	14%	17%	1.9%	road, Ecology's permitted facilities, overwater structures, geohaz		2					100		No or only minimal changes expected due to forestry uses. Limited amount of new infrastructure for recreation development may occur	Low Int For		Agriculture or other land management activities may impact conditions. Very limited infrequent and localized impact to conditions	0.00	0.00	0.00	0.00	0.00	

	210)	Wa	itersh	ed ke	y proce	esses	areas		Present Level of Alterat	ion & Current Shore	eline		Current	t land use	by per	cent ²		Level of foreseeable Future development like shoreline condition ³	ely to a	affect				Cumulativ	e Impact		
Group Name	Watershed (HUC10)	Sediment Delivery &Supply	Sediment alterations	Water Movement and storage	Water Alterations	Riparian Inputs	Riparian alterations	i	Parameters with High impact	Parameters with moderate to high impact	AU Quadrant ¹	Agriculture	Residential Resource production	TRANSPORTATI	ON/OTHER	STATE/FEDERAL	Undeveloped	Summary of future impacts	Futu use į grou		Potential future impacts to shoreline processess ⁵	Total Acres	Buffer Acres	100 year Floodplain acres	Wetland acres	Number of Potential Lots at Full Buildout	Potential Future Devlopement
Gold Creek	Lower Methow	6%	0.7%	43%	6 3%	% 5	% 0	r	water quality 303(d) list, road, bridge, geohaz, potential migration zone	residential, wetland	3	11	58	2		7	ŀ	Minimal to moderate changes possible due to potential for new recreation, residential, and agriculture uses limited number of new infrastructure due to development	Low Int Res/Ag	Low Int For	New or expanded development may impact conditions	167.02	44.36	0.00	55.49	33.59	67.17
Green Lake	Salmon Creek	9%	1.4%	52%	6 79	% 10)% 1	9	road, overwater structures, geohaz, wetland, dispersed agriculture		2	40				40	ŀ	Minimal to moderate changes possible due to potential for new recreation and agriculture uses limited number of new infrastructure due to development	Low Int Rec	Low Int Ag	New or expanded development may impact conditions, depends on recreation use	27.66	13.24		8.07	1.27	6.35
Horseshoe Lake	Okanogan River/Omak	16%	0.9%	56%	6 14%	% 17	'% 1	a 1.9%	geohaz, wetland, dispersed agriculture		2	20	20	20		10		No or only minimal changes expected due to forestry uses. Limited amount of new infrastructure may occur	Low Int Ag	Low Int For	Agriculture or other land management activities may impact conditions	31.30	14.17	0.00	3.60	2.71	13.53
Keystone - Tonasket	Upper Okanogan	15%	0.4%	101%	6 149	% 15	% 0	r).3%	iparian vegetation	potential migration zone, intensive agriculture	4	29	50		4			Minimal to moderate changes possible due to the potential for new residences, recreation, and a limited number of new infrastructure due to development	Low Int Ag	Low Int Rec	New or expanded development may impact conditions	255.60	27.06	0.00	48.57	89.99	179.97
Keystone Canyon	Upper Okanogan	15%	0.4%	101%	6 149	% 15	% 0	v).3% ⁿ	vegetation, potential migration zone, dispersed agriculture	geohaz, intensive agriculture	4	80	5		1	6		Minimal to moderate changes possible due to the potential for new residences, recreation, and a limited number of new infrastructure due to development	Low Int Ag	Low Int Rec	New or expanded development may impact conditions	865.80	149.98	0.00	60.91	130.98	654.91
Lake Pateros	Columbia River	19%	0.9%	100%	6 14°	% 19)% 4	E fa	Ecology's permitted	residential, bridge, geohaz, potential migration zone	3	28	13		50		l	Minimal changes expected due to high level of existing development. Potential for new residences to be built in buffers (via permit), and limited new infrastructure expected because of existing buildout in place.	ow Int Rec		Expect conditions to remain the same or improve due to new higher standards for development	17.36	0.00	0.00	0.00	17.36	17.36
Leader Lake	Lower Okanogan River	13%	1.0%	719	6 13%	% 15	% 1	5% 1.5%	water quality 303(d) list, Ecology's permitted facilities, overwater structures, geohaz, intensive agriculture		3	82				6	į	Minimal changes possible due to potential for new agriculture. Limited number of new roads and other supporting infrastructure for agriculture activities may occur	Low Int Ag		Agriculture or other land management activities may impact conditions	53.18	13.67	0.00	4.52	7.00	34.99
Little Bridge Creek														33		67		Minimal change possible due to public land ownership.	Low Int Rec		Expect conditions to remain the same or improve due to new higher standards for development	0.00	0.00	0.00	0.00	0.00	0.00
Lemanaski Lake	Okanogan River/Omak	16%	0.9%	56%	6 14%	% 17	'% 1	r 1.9% ^a	water quality 303(d) list, road, geohaz, intensive agriculture		1	74	26				į	Minimal changes possible due to potential for new agriculture. Limited number of new roads and other supporting infrastructure for agriculture activities may occur	Low Int Ag		Agriculture or other land management activities may impact conditions	43.55	10.32	0.00	5.56	5.53	27.67
Little Twin Lake	Middle Methow	8%	1.9%	64%	6 9%	% 9	l% 1		water quality 303(d) list, geohaz, wetland		1		20			12		Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit) and new infrastructure due to development	Med Int Res	Low Int Rec	New or expanded development may impact conditions	10.40	2.17	0.00	0.25	1.60	7.98

	210)	Wa	atersh	ed key	proce	esses a	areas		Present Level of Alterat Cond	tion & Current Shore	eline		Curren	nt land u	use by pe	rcent ²		Level of foreseeable Future development like shoreline condition ³	ely to a	affect				Cumulativ	e Impact		
Group Name	Watershed (HUC10)	Sediment Delivery &Supply	Sediment alterations	Water Movement and storage	Water Alterations	Riparian Inputs	Riparian alterations		Parameters with High mpact	Parameters with moderate to high impact	AU Quadrant ¹	Agriculture	Residential Resource production	TATACOCIATI	I KANSPOKI A II ON/OTHER	STATE/FEDERAL	Undeveloped	Summary of future impacts	Futu use grou		Potential future impacts to shoreline processess ⁵	Total Acres	Buffer Acres	100 year Floodplain acres	Wetland acres	Number of Potential Lots at Full Buildout	Potential Future Devlopement
Lost Creek	West Fork Sanpoil	7%	0.1%	27%	6%	6 8'	% 0.	5%		geohaz	2	18	11					No or only minimal changes expected due to forestry uses. Limited amount of new infrastructure for residential development may occur.	Low Int For		land management activities may impact conditions. Very limited infrequent and localized impact to conditions	150.52	82.38	0.00	71.30	0.00	0.00
Lost River Gorge													13		6	75	6	Minimal change possible due to public land ownership.	ow Int Rec		Expect conditions to remain the same or improve due to new higher standards for development	0.00	0.00	0.00	0.00	0.00	0.00
Lower Methow	Lower Methow River	6%	0.7%	43%	3%	6 5	% 0.	ri	iparian vegetation	potential migration zone, intensive agriculture	3	60	15	3	1	12		Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit) and new infrastructure due to development	Med Int Res	_	New or expanded development may impact conditions	392.37	83.87	0.00	11.69	148.41	296.81
Lower Okanogan	Lower Okanogan River	13%	1.0%	71%	13%	6 15 ¹	% 1.		vetland, riparian vegetation			27	9		58	4		Minimal to moderate changes possible due to potential for new recreation and agriculture uses limited number of new infrastructure due to development	ow Int Rec	S	New or expanded development may impact conditions, depends on recreation use	193.22	9.71	0.00	26.92	78.30	156.59
Lower Salmon	Salmon Creek	9%	1.4%	52%	7%	6 10¹	% 1.	g v	esidential, road, bridge, geohaz, wetland, riparian regetation, potential nigration zone		3	48	22					Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit) and new infrastructure due to development	led Int Res		New or expanded development may impact conditions	107.23	24.45	0.00	1.61	40.59	81.17
Lower Similkameen	Lower Similkameen	13%	1.0%	109%	8%	6 9	% 1.	b fa ri 5% m	vater quality 303(d) list, oridge, Ecology's permitted acilities, geohaz, wetland, iparian vegetation, potential nigration zone, intensive agriculture		1	35	15		17	11		Minimal to moderate changes possible due to potential for new recreation and agriculture uses limited number or new infrastructure due to development	ow Int Ag		New or expanded development may impact conditions, depends on recreation use	137.66	17.28	0.00	56.72		
Lower Sinlahekin	Sinlahekin River	11%	0.8%	93%	8%	6 11'	% 2.	ri	vater quality 303(d) list, iparian vegetation, ntensive agriculture	dispersed agriculture	2	96				3		Minimal to moderate changes possible due to potential for new recreation and agriculture uses limited number or new infrastructure due to development	-ow Int Ag		New or expanded development may impact conditions, depends on recreation use	465.26	48.54	0.00	896.89		
Lower Wells Pool	Columbia River	19%	0.9%	100%	14%	6 19 ¹	% 4.		ail, wetland, , potential nigration zone	road	3	18	9		56	5		Minimal changes expected due to high level of existing development. Potential for new residences to be built in buffers (via permit), and limited new infrastructure expected because of existing buildout in place.	Low Int Rec		Expect conditions to remain the same or improve due to new higher standards for development	27.99	0.01	0.00	2.10		
Malott Lamird	Lower Okanogan River	13%	1.0%	71%	13%	6 15 ¹	% 1.		vetland, riparian vegetation	water quality 303(d) list	3	7	62		4			Minimal to moderate changes possible due to the potential for new residences, recreation, and a limited number of new infrastructure due to development	Low Int Rec		New or expanded development may impact conditions	16.95	3.02	0.00	0.79	13.14	13.14

	:10)	Wa	atersh	ed key	proce	esses	areas	8	Present Level of Alterat	tion & Current Shore	eline		Curr	ent lan	ıd use by	perce	nt ²		Level of foreseeable Future development likel shoreline condition ³	y to a	ffect				Cumulativ	e Impact		
Group Name	Watershed (HUC10)	Sediment Delivery &Supply	Sediment alterations	Water Movement and storage	Water Alterations	Riparian Inputs	Riparian alterations	-	Parameters with High impact	Parameters with moderate to high impact	AU Quadrant ¹	Agriculture	Residential	Resource production	TRANSPORTATI ON/OTHER	STATE/FEDERAL	penolevebull	padolakanio	Summary of future impacts	Futur use p group		Potential future impacts to shoreline processess ⁵	Total Acres	Buffer Acres	100 year Floodplain acres	Wetland acres	Number of Potential Lots at Full Buildout	Potential Future Devlopement
Mazama	Mazama	6%	0.6%	22%	4%	6 6	%	0.3%		water quality 303(d) list, geohaz	4	11	37	12	2 2	1	2 2	po	finimal to moderate changes possible due to the otential for new residences, recreation, and a limited umber of new infrastructure due to development	Med Int Res		New or expanded development may impact conditions	400.22	83.17	990.23	588.11	0.00	0.00
Medicine Lake	Okanogan River/Omak	16%	0.9%	56%	14%	6 17	%	Ç	water quality 303(d) list, geohaz, wetland, dispersed agriculture		2	100						a(sı	finimal changes possible due to potential for new griculture. Limited number of new roads and other upporting infrastructure for agriculture activities may ccur	ow Int Ag		Agriculture or other land management activities may impact conditions	28.92	6.90	0.00	1.21	4.16	20.81
Methow - Carlton	Lower Methow	6%	0.7%	43%	3%	6 5	%	0.5%		residential, bridge, Ecology's permitted facilities	4	32	34	1	1	1	5 1	po	Minimal to moderate changes possible due to the otential for new residences to be built in buffers (via permit) and new infrastructure due to development	Med Int Res		New or expanded development may impact conditions	527.55	103.09	579.80	30.94	0.00	0.00
Methow Lamird	Lower Methow	6%	0.7%	43%	3%	6 5	%	١	road, bridge, geohaz, wetland, potential migration zone		4	23	30		9		3	po	Minimal to moderate changes possible due to the otential for new residences to be built in buffers (via permit) and new infrastructure due to development	Low Int Rec	Med Int Res/Ag	New or expanded development may impact conditions	23.94	5.05	24.39	0.84	0.00	0.00
Middle Methow	Middle Methow	8%	1.9%	64%	9%	6 9	%	1.1%		residential, intensive agriculture, dispersed agriculture	4	25	39		2	2	0 2	de re	finimal changes due to high level of existing levelopment; limited potential for new residences, ecreation, and a limited number of new infrastructure ue to development	Med Int Res	Med Int Res/Ag	Expect conditions to remain the same or improve due to new higher standards for development	167.12	31.33	580.66	148.95	0.00	0.00
Middle Okanogan	Lower Okanogan River	13%	1.0%	71%	13%	6 15	%	1.5%	wetland, riparian vegetation	residential	4	52	36				1	de re	Alinimal changes due to high level of existing evelopment; limited potential for new residences, ecreation, and a limited number of new infrastructure use to development	/led Int Res/Ag	ow Int Rec	Expect conditions to remain the same or improve due to new higher standards for development	244.19	29.24	0.00	28.37	89.29	186.58
Similkameen	Lower Similkameen	13%	1.0%	109%	8%	6 9	%	1.5% a	geohaz, wetland, dispersed agriculture		1-2	24			12	1	7 2	fo	finimal to moderate changes possible due to potential or new recreation and agriculture uses limited number of new infrastructure due to development	Low Int Ag	ī	New or expanded development may impact conditions	185.80	59.47		51.98		
Sinlahekin River	Sinlahekin River	11%	0.8%	93%	8%	6 11	%	2.0%		riparian vegetation, dispersed agriculture	2	72	7		2	1	8	fo	finimal to moderate changes possible due to potential or new residences and agriculture uses limited number of new infrastructure due to development	Low Int Ag	重	New or expanded development may impact conditions	409.91	52.58	0.00	317.69	17.82	39.64
Miles Lake	Middle Methow	8%	1.9%	64%	9%	6 9	%	f	Ecology's permitted facilities, geohaz, intensive agriculture		2	67				3	3	po	Minimal to moderate changes possible due to the otential for new residences, recreation, and a limited umber of new infrastructure due to development	Low Int Ag		New or expanded development may impact conditions	13.00	2.94	0.00	4.43	0.28	5.63
	Middle Methow	8%	1.9%	64%	9%	6 9	%	1.1% _á	Ecology's permitted facilities, geohaz, intensive agriculture		2	100						aç sı	finimal changes possible due to potential for new griculture. Limited number of new roads and other upporting infrastructure for agriculture activities may occur.	Low Int Ag		Agriculture or other land management activities may impact conditions	0.00	0.00	0.00	0.00		
Molson Lake	IMyers	6%	0.2%	71%	5%	6 8	%	r	water quality 303(d) list, road, geohaz, wetland, dispersed agriculture		3	50	17				8 2	M fo ne	Ninimal to moderate changes possible due to potential or new recreation and agriculture uses limited number of new infrastructure due to development	Low Int Ag	Low Int Rec	New or expanded development may impact conditions, depends on recreation use	21.09	4.17	0.00	0.00	0.85	16.92

	:10)	W	atersh	ied ke	y proc	esses	areas		Present Level of Alterat	tion & Current Shore	line		Curren	t land us	se by pe	ercent ²		Level of foreseeable Future development like shoreline condition ³	ly to a	ffect				Cumulativ	e Impact		
Group Name	Wat	Sediment Delivery &Supply	Sediment alterations	Water Movement and	Water Alterations	Riparian Inputs	Riparian alterations	i	Parameters with High mpact	Parameters with moderate to high impact	AU Quadrant ¹	Agriculture	Residential Resource production	TRANSPORTATI	ON/OTHER	STATE/FEDERAL	Undeveloped	Summary of future impacts	Futu use p grou		Potential future impacts to shoreline processess ⁵	Total Acres	Buffer Acres	100 year Floodplain acres	Wetland acres	Number of Potential Lots at Full Buildout	Potential Future Devlopement
Muskrat Lake	Upper Okanogan River	16%	0.5%	999	6 14°	% 17	7% 2		water quality 303(d) list, ntensive agriculture		1	100						Minimal changes possible due to potential for new agriculture. Limited number of new roads and other supporting infrastructure for agriculture activities may occur	Low Int Ag		Agriculture or other land management activities may impact conditions	9.98	2.70	0.00	3.94	0.17	3.34
Omak - Riverside	Okanogan River/Omak	16%	0.9%	569	6 14 ⁹	% 17	7% 1	V	geohaz, wetland, riparian vegetation, intensive agriculture		4	71	18			5		Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit), recreation uses, and new infrastructure due to development	Low Int Rec	ш	New or expanded development may impact conditions	368.52	37.54	0.00	18.49	156.25	312.49
Palmer Creek Confluence	Sinlahekin River	11%	0.8%	939	6 89	% 1 ⁻	1% 2	e 2 0% f	water quality 303(d) list, Ecology's permitted acilities, dispersed agriculture	intensive agriculture	2	89		1	6	3		Minimal changes possible due to potential for new agriculture. Limited number of new roads and other supporting infrastructure for agriculture activities may occur.	Low Int Ag	Rec	New or expanded development may impact conditions, depends on recreation use	760.96	29.19	0.00	1649.80	0.00	0.00
Palmer Lake	Sinlahekin River	11%	0.8%	939	6 89	% 1 ⁻	1% 2		water quality 303(d) list, dispersed agriculture	geohaz	4	36	37		5	11		Minimal changes expected due to high level of existing development. Potential for new residences to be built in buffers (via permit), and limited new infrastructure expected because of existing buildout in place.	ow Int Rec	Int Ag	Expect conditions to remain the same or improve due to new higher standards for development	219.64	47.25	0.00	171.07	0.00	1.32
Pasayten Wilderness																100		Minimal change possible due to public land ownership.	ow Int Rec		Expect conditions to remain the same or improve due to new higher standards for development	0.00	0.00	0.00	0.00		
Patterson Lake	Middle Methow	8%	1.9%	649	6 99	% 9	9% 1	f	oad, Ecology's permitted facilities, overwater structures, geohaz		2	46			4	44		Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit) and limited new infrastructure expected because of existing buildout in place	ow Int Rec	Int Res	Expect conditions to remain the same or improve due to new higher standards for development	45.76	8.70		11.67		
Pearrygin Lake	Lower Chewuch River	6%	0.6%	5 179	6 4°	% 8	3% 0	E	water quality 303(d) list, Ecology's permitted facilities, overwater structures, geohaz	road	1				15	83		Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit) and recreation uses, limited new infrastructure expected because of existing buildout in place	ow Int Rec	Int Res	Expect conditions to remain the same or improve due to new higher standards for development	7.85	1.19		31.55		
Rat Lake	Lower Okanogan River		1.0%	5 719	6 13°	% 15	5% 1	ç	overwater structures, geohaz, wetland, dispersed agriculture		2	44				56		Minimal to moderate changes possible due to potential for new recreation and agriculture uses limited number o new infrastructure due to development	Low Int Rec	Int Ag	New or expanded development may impact conditions, depends on recreation use	36.59	12.40		0.00		
Roberts Lake	Salmon Creek	9%	1.4%	529	6 7°	% 10)% 1	9	water quality 303(d) list, geohaz, wetland, dispersed agriculture		2	53				47		Minimal to moderate changes possible due to potential for new recreation and agriculture uses limited number o new infrastructure due to development	Low Int Ag	Low Int Rec	New or expanded development may impact conditions, depends on recreation use	0.00	0.00	0.00	0.00	0.00	0.00

	10)	W	atersh	ed key	/ proc	esses	areas		Present Level of Alterat	tion & Current Shor litions	eline		Curren	t land	use by p	percent ²		L	Level of foreseeable Future development likel shoreline condition ³	y to a	ffect				Cumulativ	e Impact		
Group Name	Watershed (HUC10)	Sediment Delivery &Supply	Sediment alterations	Water Movement and storage	Water Alterations	Riparian Inputs	Riparian alterations	i	Parameters with High impact	Parameters with moderate to high impact	AU Quadrant ¹	Agriculture	Residential Resource production		TRANSPORTATI ON/OTHER	STATE/FEDERAL	Undeveloped	-	Summary of future impacts	Futur use p		Potential future impacts to shoreline processess ⁵	Total Acres	Buffer Acres	100 year Floodplain acres	Wetland acres	Number of Potential Lots at Full Buildout	Potential Future Devlopement
Salmon/Conco nully Lake	Salmon Creek	9%	1.4%	52%	7'	% 10	1% 1	E	water quality 303(d) list, Ecology's permitted facilities, geohaz, wetland		1	30				67		de\ buf	nimal changes expected due to high level of existing velopment. Potential for new residences to be built in ffers (via permit), and limited new infrastructure pected because of existing buildout in place.	i Int Resident	ow Int Rec	Expect conditions to remain the same or improve due to new higher standards for development	1.05	0.00	0.00	0.00	0.00	0.00
Sidley Lake	Myers	6%	0.2%	5 71%	5 5'	% 8	·% 0	3	residential, water quality 303(d) list, road, overwater structures, geohaz		3	6	44		6	2		dev buf exp	nimal changes expected due to high level of existing velopment. Potential for new residences to be built in ffers (via permit), and limited new infrastructure pected because of existing buildout in place.	ow Int Rec	Hi Int Resident	Expect conditions to remain the same or improve due to new higher standards for development		0.10		9.10		
Sinlahekin Headwater	Sinlahekin River	11%	0.8%	93%	8'	% 11	% 2	f	facilities, potential migration	overwater structures	2	J				97	3	rec	nimal changes possible due to potential for new creation and agriculture uses limited number of new rastructure due to development	Low Int Rec	I T	New or expanded development may impact conditions, depends on recreation use	0.00	0.00	0.00	0.00		
	Okanogan River	16%	0.5%	99%	14'	% 17	'% 2	٧		road, overwater structures, Ecology's permitted facilities, geohaz, riparian vegetation	1	7	23		54	7		pot per	nimal to moderate changes possible due to the tential for new residences to be built in buffers (via rmit), recreation uses, and new infrastructure due to velopment	Hi Int Resident	Low Int Ag	New or expanded development may impact conditions	49.53	6.28	0.00	8.74	34.51	34.51
Talkire Lake	Upper Okanogan River	16%	0.5%	99%	14'	% 17	'% 2	.6%		dispersed agriculture, road	4	89				11		for	nimal to moderate changes possible due to potential new recreation and agriculture uses limited number of w infrastructure due to development	Low Int Ag		Agriculture or other land management activities may impact conditions	79.25	10.44	0.00	61.64	1.43	7.17
Toats Coulee	Sinlahekin River	11%	0.8%	93%	81	% 11	% 2	Z	wetland, potential migration zone,	road	2	16	3	21		28		use dev	or only minimal changes expected due to forestry es. Limited amount of new infrastructure for velopment	ow Int For		Agriculture or other land management activities may impact conditions. Very limited infrequent and localized impact to conditions	143.45	37.05	0.00	0.00	21.28	106.40
Toroda Creek	Toroda Creek	5%	0.3%	51%	4'	% 6	·% 0	.3%	intensive agriculture	residential	2	60	10	10				agr and	nimal changes possible due to potential for new riculture or forestry uses. Limited number of new roads d other supporting infrastructure for agriculture tivities may occur.	ow Int Ag	ow Int For	Agriculture or other land management activities may impact conditions. Very limited infrequent and localized impact to conditions	302.16	70.19	0.00	122.06	54.06	109.91
Twisp River	Twisp River	9%	0.6%	5 17%	3'	% 5	i% 0	r .4%	residential	geohaz	4	60 19		12 3		7		for nev	nimal to moderate changes possible due to potential new recreation and agriculture uses limited number of w infrastructure due to development		ow Int For Lo	New or expanded development may impact conditions	302.16			309.76		
Twisp River Upper													2			93			nimal change possible due to public land ownership.	Low Int Rec		Expect conditions to remain the same or improve due to new higher standards for development	0.00	0.00		0.00		

	:10)	W	aters	hed k	ey pro	cess	es are	eas	Present Level of Altera Cond	tion & Current Shore litions	line		Curr	ent lan	nd use b	y perce	nt ²		Level of foreseeable Future development likel shoreline condition ³	y to a	ffect				Cumulativ	e Impact		
Group Name	Watershed (HUC10)	Sediment Delivery &Supply	Sediment alterations	Water Movement and	Storage Water Alterations	Dinarian Innute		Riparian alterations	Parameters with High impact	Parameters with moderate to high impact	AU Quadrant ¹	Agriculture	Residential	Resource production	TRANSPORTATI ON/OTHER	STATE/EEDEDAI		undeveloped	Summary of future impacts	Futur use p		Potential future impacts to shoreline processess ⁵	Total Acres	Buffer Acres	100 year Floodplain acres	Wetland acres	Number of Potential Lots at Full Buildout	Potential Future Devlopement
Upper Methow	Upper Methow	15%	1.09	6 14	%	2%	5%		water quality 303(d) list	residential, road, wetland	4	5	35	5	5	1	8 3	þ	Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit), recreation uses, and new infrastructure due to development	Med Int Res	Low Int Rec	New or expanded development may impact conditions	234.88	42.79	614.61	248.53	0.00	0.00
Upper Okanogan	Upper Okanogan River		0.5	6 99	% 1	4%	17%	2.6%	intensive agriculture	residential, riparian vegetation, dispersed agriculture	4	65	16			3 1	1	f	Minimal to moderate changes possible due to potential for new recreation and agriculture uses limited number of new infrastructure due to development	ow Int Ag	ow Int Rec	New or expanded development may impact conditions	3044.55	224.45	0.00	3005.30	0.00	0.00
Upper Salmon	Salmon Creek	9%	1.49	% 52	%	7%	10%	1.2%	wetland, potential migration zone	residential, road, geohaz, intensive agriculture, dispersed agriculture	4	52	17			1	5 1	þ	Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit) and recreation uses, limited new infrastructure expected because of existing buildout in place	Low Int Ag	Low Int For	Expect conditions to remain the same or improve due to new higher standards for development	322.86	118.63	0.00	93.95		
Upper Similkameen	Lower Similkameen	13%	1.09	6 109	%	8%	9%		water quality 303(d) list	intensive agriculture, dispersed agriculture	2	51	1		·	3	8 1	s	Minimal changes possible due to potential for new agriculture. Limited number of new roads and other supporting infrastructure for agriculture activities may occur	Low Int Ag	Low Int Rec	New or expanded development may impact conditions	436.63	30.34	0.00	1729.69	0.00	0.00
Walker Lake	Toroda Creek	5%	0.34	6 51	%	4%	6%	0.3%	wetland, intensive agriculture	dispersed agriculture	4	67					3	s	Minimal changes possible due to potential for new agriculture. Limited number of new roads and other supporting infrastructure for agriculture activities may	ow Int Ag		Agriculture or other land management activities may impact conditions. Very limited infrequent and localized impact to conditions	31.65	15.07	0.00	4.98	2.32	11.60
	Upper Okanogan River		0.59	6 99	% 1	4%	17%		water quality 303(d) list, geohaz	residential, road, overwater structures, intensive agriculture, dispersed agriculture	1	16	35	11	1	5 1	0 3	f	Minimal to moderate changes possible due to potential for new recreation and agriculture uses limited number of new infrastructure due to development	ow Int Rec	/led Int Res/Ag	New or expanded development may impact conditions	155.79	36.46	0.00	42.16	53.00	77.17
West Osoyoos	Upper Okanogan River		0.59	6 99	% 1	14%	17%		residential, water quality 303(d) list, overwater structures, Ecology's permitted facilities	road, riparian vegetation	1-3	5	78			/	1	N C	Minimal changes expected due to high level of existing development. Potential for new residences to be built in buffers (via permit), and limited new infrastructure expected because of existing buildout in place.	ow Int Rec	li Int Resident M	Expect conditions to remain the same or improve due to new higher standards for development	77.35	12.92		11.20		
West Sanpoil River	West Fork Sanpoil	7%	0.19	6 27	%	6%	8%	0.5%		residential, potential migration zone, intensive agriculture	2-4	29		2	2		7 2		minor changes expected due to recreation and high ntensity residential	Low Int Res/Ag	Low Int Ag	New or expanded development may impact conditions	624.40	110.93		501.63		

	210)	Wa	tershe	d key	proces	ses ar	eas	Present Level of Altera Cond	tion & Current Shore	eline		Current la	and use by p	percent ²		Level of foreseeable Future development likel shoreline condition ³	y to affe	t			Cumulativ	e Impact		
Group Name	Watershed (HUC	Sediment Delivery &Supply	ıt alterat	Water Movement and storage	Water Alterations	Riparian Inputs	Riparian alterations	Parameters with High impact	Parameters with moderate to high impact	AU Quadrant ¹	Agriculture	Residential Resource production	TRANSPORTATI ON/OTHER	STATE/FEDERAL	Undeveloped		Future L use per group ⁴	Potential future impacts to shorelin processess ⁵	Total Acres	Buffer Acres	100 year Floodplain acres	Wetland acres	Number of Potential Lots at Full Buildout	Potential Future Devlopement
Whitestone Lake	Upper Okanogan River		0.5%	99%	14%	17%		geohaz, dispersed agriculture	Ecology's permitted facilities	1	73	6		21		Minimal to moderate changes possible due to the potential for new residences to be built in buffers (via permit), recreation uses, and new infrastructure due to development	Low Int Ag	New or expanded development may impact conditions	67.41	13.39	0.00	24.43	14.80	29.59
Wolf Creek											14			86		Minimal change possible due to public land ownership.	ow Int Rec	Expect conditions to remain the same or improve due to new high standards for development	er 0.00	0.00	0.00	0.00	0.00	0.00

- 1 Current Shoreline Quality based on the Inventory and Characterization
- 2 DOR codes (only major types shown)
- 3 Summary of likely trend due to Shoreline Designation and RFFAs
- 4 RFFA Land use type. Those shown represent the greatest percentage of land use type under proposed designations (See attachment 4 for detailed summary of all potential land use types per group)
- 5 Summary of potential changes to watershed key processes: sediment, hydrology, LWD, and nutrients based on future trends to shoreline condition
- 6 N/A indicates stream group data not analyzed, data inconsistencies